Figure 1A

_	ACAMATGACCGGGAGCCATGACGTCATCGGGGGGCGCAGGATGGCAGGTGCTCTGCTT	-
1	MTGSHDVIGGAGKQVLCCF	19
61	TTGCAAGCAGAGAAATAAGAGTTTGGGCACCTACCCAGGGGTCCCAGGGAATGCCCTGTG	120
20	CKORNKSLGTYPGV, PTG NAA LITTEN	39
20	C	
121	GCTCCTGACCTCCCCCGCCTGTAATGCTCTGAGCACTTCAGCAGTAATGCATGGAAGAGA	180
40	LLTSRACNA, LST, SAVMHGRD	59
181	TAAGGGGTCTGTGACCCATGGAACTGTCCAAGTCCTCTCTGACACCCGCTTCTTTTCCTG	240
60	KGSVTHGTVQVLSDTRFFSC	79
241	CCGTGAAGGACTACTTCCAGCAACCCAGTCTCCTGCCATGTCCGACCCCATCACGCTGAA	300
80	REGLLPATQSPAMS <u>DPITLN</u>	99
301	CGTCGGGGGGAAGCTCTATACAACCTCACTGGCGACCCTGACCAGCTTCCCTGACTCCAT	360
100	V G G K L Y T T S L A T L T S F P D S M	119
361	GCTAGGCGCCATGTTCAGCGGGAAGATGCCCACCAAGAGGGACAGCCAGGGCAACTGCTT	420
120	LGAMFSGKMPTKRDSQGNCF	139
421	CATTGACCGTGACGGCAAAGTGTTCCGCTATATCCTCAACTTCCTGCGGACCTCCCACCT	480
140	I D R D G K V F R Y I L N F L R T S H L	159
481	TGACCTGCCTGAGGACTTCCAGGAGATGGGGCTGCTCCGCAGGGAGGCCGACTTCTACCA	540
160	D L P E D F Q E M G L L R R E A D F Y Q	179
541	GGTGCAGCCCTGATTGAGGCCCTGCAGGAGAAGGAAGTGGAGCTCTCCAAGGCCGAGAA	600
180	<u>V Q P L I E A L Q E K E V</u> E L S K A E K	199
601	GAATGCCATGCTCAACATCACACTGAACCAGCGTGTGCAGACGGTCCACTTCACTGTGCG	660
200	NAMLNITLNQRVQTVHFTVR	219
661	CGAGGCACCCCAGATCTACAGCCTCTCCTCTTCCAGCATGGAGGTCTTCAACGCCAACAT	720
220	EAPQIYSLSSSSMEWFNAI	239
721	CTTCAGCACCTCCTGCCTCTTCCTCAAGCTCCTTGGCTCTAAGCTCTTCTACTGCTCCAA	780
240	F S TO SOCOL F L K L LW GWS KOLDER YOUGHS N	259
781	TGGCAATCTCTCCTCCATCACCAGCCACTTGCAGGACCCCAACCACCTGACTCTGGACTG	840
260	G N L S S I T S H L Q D P N H L T L D W	279
841	GGTGGCCAATGTGGAGGGCCTGCCAGAGGAGGAGGAGTACACCAAGCAGAACCTCAAGAGGCT	900
280	V A N V E G L P E E E Y T K Q N L K R L	299

Figure 1B

901 300	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	960 319
961 320	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	1020 339
1021 340	TATGAACAATAAGATTATTCGATTAATACGGTACAGGTAAAAGGACCCCAACAACACTGG M N N K I I R L I R Y R	1080 351
1081	$. \\$ $AGATGGGGAGTCCCAGGAAGCTCATGTCAGCCAGGTCTTGGAGGGCATCTCGCCAGTGGT$	1140
1141	${\tt GCGAGGCAGGGGACTATACTAATCTGTATTAATTGTGTAGCAGGACTTGATTCCCCCCAT}$	1200
1201	GATGAAGTCCACCTTTTGGAATCCAGTGTCCTCTGAACAGAACCACCTTTTTCTTGCCA	1260
1261	${\tt TTTTGAGCTGCAGACAGGCGGTTTATTATGACAAGTGAAGAGTCAGCTGATGTTACTAA}$	1320
1321	${\tt AGGAGGCCATAGGAGGATTTTCCAGCCAGGACAAAAGAGCAGCAGTTTTCTCCTGGGCTC}$	1380
1381	${\tt CATCTCTGTACCGCTAGCCAGTGCCGCATTTATCCATCTGTAAGAAGGCCCTGGTGGA}$	1440
1441	GAGGATGGGATGAGAACAAGAGGCTACCTCCAGTTAACCAGGACATAAAGTCCCCAGCGG	1500
1501	${\tt TTCCTGTCACACCTGCTCCTCCCCCAGGGTGCATCCATGATCGTGGATGTTTGCCCA}$	1560
1561	${\tt GGGGTGACCATGTTTGGCTGGCTTGGAATGCTGTGCATTCTCAGAGCTCTGTTAGTGTCC}$	1620
1621	$\tt CCTCTTGGGGGTCAGAGATGAGGTGTGGCAGGGTCTAGAGGAATGAGTGTCCAGGCAGAG$	1680
1681	${\tt TTCAGAAGGTAGGAATGTCCCTCTTGATAGGGCTGAATCAAGGGATTCCTGGCTTTAGAA}$	1740
1741	${\tt AGGGTCTGCTATCTTTGCAAAAATGTGCAAGTATCTGTAGCCAGTGTAATGAAATCACTT}$	1800
1801	ССАААТССААААААААААААААААААААААААААА	

Figure 2A

		rigure ZA
		1 50
K+betaM4	(1)	mtgshdviggagkQvlccfckQrnkslgtypgvpgnalwllt
KCNMB1	(1)	
K+Hnov28	(1)	
K+Hnov27	(1)	
CG10440	(1)	MDRERERDVKALEPROLSSTGRIYARSDIKISSSPTVSPTISNSSSPTPT
gi.12654691	(1)	
91.12034031	(- /	
		51 100
W. b W.	(43)	SPACNALSTSAVMHGRDKGSVTHGTVQ\(\frac{1}{2}\)LP\(\frac{1}{2}\)LP\(\frac{1}{2}\)
K+betaM4		SEACNALISTSAVINGADAGSVINGIVQQIDSDIRTISCADAGING
KCNMB1	(1)	MVKKLVMAQKREEIRALC
K+Hnov28	(1)	MDN DW
K+Hnov27	(1)	MSRPL/III RSPASPLXNOGIPTPAO
CG10440	(51)	PPASSSVTPLGLPGAVAAAAAAVGGASSAGASSYLHGNHKPITGIPCVAA
gi.12654691	(1)	MPHRKERPSGSSLHTHGSTGTAEGGNMSRLSMTRSPVSPLAACGIPLPAO
		101 150
K+betaM4	(89)	SRAMSDPETENVGGKLYTTSLATLTSEPDSMLGAMESGKMPTKRDSQ-GN
KCNMB1	(19)	III
K+Hnov28	(7)	GYMMTDPVTWYVGGHLYTTSLTTLTRYPDSMLGAMFGGDFFTARDFQ-GN
K+Hnov27	(25)	LTKSNAPVHIDVGGHMYTSSLATLTKYPESRIGRLFDGTEPIVLDSLKQH
CG10440	(101)	ASRYDAPVHIDVGGT YTSSLETLTKYPESKLAKLFNGQIPIVLDSLKQH
gi.12654691	(51)	LTKSNAPVHIDVOSHMYTSSLATLTKYPDSRUSRLFNGTEPIVLDSLKQH
91.12654691	(31)	DIRECT TO THE PROPERTY OF THE
		151 200
	(===)	
K+betaM4	(138)	CINIDADE KARATINA DE CONTROL DE C
KCNMB1	(69)	KKWPOYPCTTVNWSAAGRWAVTYHTEDTRDQNQQCGYIPGSVDNYQTARA
K+Hnov28	(56)	YFIDRDGPLFRYYLNFLRTSELTHPLDFKEEDLLRKEADYYQHEFWIQCL
K+Hnov27	(75)	YFIDRDGOVFRYTLNFLRTSKLLIPDDFKDYTLLYEEAKYFOLOPMULEN
CG10440	(151)	YFIDRDGGMFRHILNFMRNSRLLIAEDFPDLELLLEEARYYEMEPMIKQL
gi.12654691	(101)	YFIDRDCEIFRYVLSFLRTSKLLLPDDFKDFSLLYEEARYYOMOPMVREL
		201250
K+betaM4	(188)	QEKEVELSKAEKNAMLNITLNQRVQTVHFTVREAPQIYSLSSSEMEN
KCNMB1	(119)	DVERVEAKFQEQQVFY@FSMPRGNETS
K+Hnov28	(106)	NDPRPLYPMDTFEEMVELSSTRKLSKY
K+Hnov27	(125)	ERWNODRETG
CG10440	(201)	BSMRKDRVRNGNYLVAPPTPPARHIKTSPRTSASPECNYEVVALHUS PDI
qi.12654691	(151)	ERWQOEQEQRRRSRECDCWW.RV.PDI
91.12034031	(131)	M.43.43.45
		251 300
K+betaM4	(235)	FNANIFSTECLEREKLIGSKI FYCENGNISSITSHLOOPNIITLDWANVE
	(146)	VLFQRIYEPOMIJFSI WPTFLETGLIII I MVKSNOYLST AAQK
KCNMB1		SNPVAVIITOLTETTKVHSTLEGISNYFIKWNKHMMOTRECQVSFTFGPC
K+Hnov28	(133)	SNPMAMITTGLTHTTKVHSHLEGISNYFMKWNKHHMDIRDCQVSFIFGPC
K+Hnov27	(152)	GERITLSGÖKSLIEEVEPETGDVMCNSVN-AGWNH-DSTHVIRFPLNGYC
CG10440	(251)	GERIMLSAERALLIDELFPEASOATIOSSRSGUSWNOGDWGOLIRFPLNGYC
gi.12654691	(178)	GERIALSGEKALDEEV FPETGÖYMCNSVX - AGWNO-DPTHYIRFPLNGYC
		301 350
K+betaM4	(285)	GEPEETTKON KRLWVMPENKQIN-SFQVEVEEVUKIAUSDGFCIDSSH
KCNMB1	(192)	
K+Hnov28	(183)	DYHOEVSTRVHTMEYNTKONFTIRNTRVHHMSERANENTMEHNWTFCRLA
K+Hnov27	(200)	HINSVOVIERLOORGHENVESCGGGVDSSQFSEYVIRREIRRTPRVPSVI
CG10440	(301)	KINSVOVI TRLI NAGETIE ASVGGQOFSEYLI ARRYPM
gi.12654691	(226)	RLNSVQDML
51.12054071	,,	· water

Figure 2B

		351 368
K+betaM4	(334)	PHAL FMNNKIIRLIRYR
KCNMB1	(192)	
K+Hnov28	(233)	RKTDD
K+Hnov27	(250)	RIKQEPL
CG10440	(339)	
qi.12654691	(235)	

Figure 3

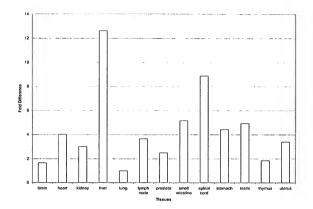


Figure 4.

K+hetaM4

	IL Detai	· · · · · · · · · · · · · · · · · · ·	
Protein	Genbank ID	Identities	Similarities
human potassium channel K+Hnov27 protein	gi Y34125	31.6%	45.1%
human potassium channel K+Hnov28 protein	gi Y34129	42.3%	50.5%
human neuroblastoma protein	gi 12654691	36.2%	47.3%
Drosophila CG10440 protein	gi 7291303	28.0%	38.6%
Human Maxi-K potassium channel beta subunit, KCNMB1	gi 4758625	26.1%	39.1%

K+betaM5

Protein	Genbank ID	Identities	Similarities
human potassium channel K+Hnov28 protein	gi Y34129	31.7%	43.4%
the human lung protein, MGC:2376	gi 12654469	34.4%	45.6%
human MSTP028 protein	gi 11640564	31.7%	43.4%
Caenorhabditis K+ channel tetramerisation domain containing protein	gi 3875362	34.4%	45.6%
Drosophila CG10465 protein	gi 7302243	30.8%	38.3%
Human Maxi-K potassium channel beta subunit, KCNMB1	gi 4758625	20.0%	40.0%

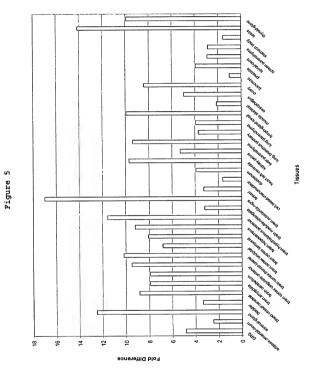


Figure 6A

1	AT.	GAC	SAT	الحاق	GGT	TIT	الحاكاف	GAA	IAG.	AAA	AGG	GGG	MMM	GGG	ACC	MCI	CMG			GCCG	60
1	М	T	М	Α	v	L	R	И	R	к	G	G	K	G	P	L	R	R	R	P	20
61	am		a a m		maa	mam		. cm		aa .		maa	TOO		ma s	~~~		220	C 3. C	CGCG	120
21	L	Α	L	P	А	L	R	ь	G	Е	ь	Ь	Α	N	Q	G	G	Т	s	A	40
121	GC	GTC	GGC	CAG	тас	CGG	GAG	GCG	GTC	GGG	TCA	GGC	CCC	AGC	TGG	GCG	CGA	GCG	GGT	CGGC	180
41		s	A										P					R			60
41	А	3	^	3		Ü	K	10	٥	Ü	×	Α	•	••	Ŭ		_		•	Ü	
181	GT	TGA	GGG	AGC	CAC	CGC	CCT	ccc	GCC	TGC	GCA	CTG	CCT	CTC	GCC	ccc	CTC	CGG	CCA	GCCC	240
61	v	E	G	А	т	Α	L	P	P	Α	Н	C	L	s	P	P	s	G	Q	P	80
241																				CACG	300
81	Α	Α	G	R	v	М	P	G	А	Α	R	R	Α	R	G	М	V	V	V	Т	100
301	GG	GCG	GGA	GCC	AGA	CAG	CCG	TCG	TCA	.GGA	CGG	TGC	CAT	GTC	CAG	CTC	TGA	CGC	CGA	AGAC	360
101	G	R	E	P	D	s	R	R	Q	D	G	Α	М	s	s	s	D	Α	E	D	120
361	GA	CTT	TCT	GGA	GCC	GGC	CAC	GCC	GAC	GGC	CAC	GCA	GGC	GGG	GCA	CGC	GCT	GCC	CCT	GCTG	420
121		F			P								Α			Α		P		L	140
	_																				
421	CC	יאריא	CCA	Стт	יייירי	TCA	GGT	тст	TCC	сст	ממדי	САТ	ccc	AGC	GGC	מיזדי	רדד	CAC	TAC	ACGC	480
141					P													Т			160
141	r	Q	-	Ľ	F	==		·			-	-			-/\		-		_		200
481	СТ	GTC	CAC	ACT	GCG	GTG	CTA	CGA	AGA	CAC	CAT	GTI	GGC	AGC	CAT	GTT	CAG	TGG	GCG	GCAC	540
161																		G			180
	_																		- Translation		
541	тъ	гап	ccc	CAC	מסמי	СТС	CGA	GGG	CCG	GTA	СТТ	CAT	CGA	CCC	AGA	TGC	CAC	ACA	CTT	TGGA	600
181																		Н			200
101	*	_	-	-		<u> </u>					-	-		•••							
601	G.P	TGT	GCI	GAA	TTT	CCI	GCG	CTC	AGG	GGA	CCI	ccc	ACC	CAC	GGF	GCC	TGT	TCG	AGC	TGTG	660
201	D	v	L	N	F	L	R	s	G	D	L	P	P	R	E	R	ν	R	Α	v	220
	2500													TOTAL CALL							
661	TZ	CAP	AGA	GGC	CCA	GTA	CTA	TGC	CAT	CGG	GCC	CCI	CCI	GGZ	GCF	GCT	rgg/	GAA	CAT	GCAG	720
221		к																N			240
								-		many -										-	
721	CC	ACT	'GA	GGC	GCG.	AGA#	GGT	GCG	CCA	AAGC	GTT	TCT	GGG	ACT	CAT	rgco	CTA	TTA	CAA	AGAC	780
241													G		М					D	260
	<u> </u>	-		J	_		·		*		Ī	_		_		_	_				
781	C	الماليان	'GG7	GCC	ימטי	יייטייי	GG2	CAT	rege	יככי	·	rgce	TGC	GGT	rccz	AGCC	GAZ	GGC	cce	CTTT	840
261		L	E	R		V			A		L						K		R	F	280
-01	11	13		10	-	•		-	2.1			•••			*		•••				

Figure 6B

841 281	GCCAAGCTCAAGAGCTTGACACCTTCCTGGCTAATGAGTGTCCTCATCAAGATGCCCCCT A K L K S L T P S W L M S V L I K M P P	900 300
901 301	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	960 320
961 321	GAGAGACAATGAGAAGAAATCCCCTGTCCAGTTGCCTGCAGGAGTATTCCAACAC E R Q N N E K K S P V Q L P A G V F Q H	1020 340
1021 341	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	1080 343
1081	${\tt GCACTGTTTTCTGTTTGCATGGCAATTCTGACCCTTTTATGGCAACAACACCCCTGGGAC}$	1140
1141	${\tt AACCCAGATTTGTAGATTGAGATCCAAAGGTAGAATTTCCAGACAGTCCAACCAA$	1200
1201	${\tt CAAGTGATGTTTCCAGAGTGGAAGGCTCTCACCGTGTCCCAGGATTTCTGGGGTTTGTAA}$	1260
1261	GCAGTACTGGCCATTTGTGACCCTGTTTTTTACCTAATCATTCTGTCTTTTTAGGACATG	1320
1321	GTTTTACCCGATCCCTGGCAAAGGATCCAGAATTCCAATAGCTGAAAACCCTGTTATAGC	1380
1381	TTTTCTCCTATTCTGCCTTACCCAAGACACACTTGAACCCTCAGTAAGGCTATAGAGAG	1440
1441	$GGCCATGAGCAGGGGCAGCCTCTCCCTTGTTTCTACAGCTCCATGATGAGGGGTTGACTG$	1500
1501	${\tt AGGCCAGCAATCCTTGTAGGTGTGACAGTTGCAATATAATTAACAGTTTCAAGATCTAGA}$	1560
1561	GGTACCTTTTGAAAGAACCCCTTCAGGGATATCTATCCACAGTAGCCTGGAGCAGCCAAG	1620
1621	GTGAACCTGAGATTTTGACCCACACAATAAGGGGGGGCCATTCTTTTTCAAATATTTTTG	1680
1681	CTTCAGAATACACTTCATTACACATGCAAATATTGAGAGATTAACAGAAATTCCAGCTCT	1740
1741	TATGCCTAACTGAGAAGAGCCACTGCAAGTTGCAGTTAGGTACCCATGTGCAGCAGAGGC	1800
1801	CAGCTGAATCCCAGAGCTTCCCAAAGTGGACACCAGCGGGGACTATTCCTGATGTCCCAC	1860
1861	CCAAGAGAGGAAGATGAGCTGAGGCGCTCTTGCTCTGCCCAAATGCATCCCATGTGCATT	1920

Figure 6C

1921	$\tt CACGTGTCACCCATTCAAAATAACATGGCATTCTTGGAACCTTGTATCTGACATGTAAGA$	1980
1981	. CCAGCCTACACATTGGGGTGGGTGCAGGGGCTCACACTTGTAATCCTAGCACTTTGGAAG	2040
2041	GCTGAGGTGGGCAGATTGCTTGAGCACAGGAGTTCCAGACCAGCCTGAGCAACATGGCGA	2100
2101	AATCCTGTCTCTTCAAGAAATAAAAAAAAAAAAAAAAAA	

Figure 7A

		1 50
K+betaM5	(1)	MTMAVLRNRKGGKGPLRRRPLALPALRLGELPANQGGTSAASASSGRRSG
KCNMB1	(1)	
CG10465		
gi.12654469	(1)	
	(1)	
K+Hnov28		
MSTP028		
K+channel_tetra	(1)	
		· · ·
		51 100
K+betaM5	(51)	${\tt QAPAGRERVGVEGATALPPAHCLSPPSGQPAAGRVMPGAARRARGMVVVT}$
KCNMB1		
CG10465	(1)	
qi.12654469	(1)	
K+Hnov28	(1)	
MSTP028		
K+channel tetra		
		101 150
V.bot-W	(101)	101
K+betaM5		GREPDSKRODGAMSSSDAEDDFLEPATFTATQAGAALFEDFQEFEERA
KCNMB1	(1)	
CG10465	(1)	DHKILLKGHSDHKILLKGHS SQYUKU
gi.12654469		MSTVVEI
K+Hnov28	(1)	
MSTP028	(1)	
K+channel_tetra	(1)	MEPSTEVK
		151 200
K+betaM5	(151)	NICCAHETTRISTIRCYEDTMLAAMFSCRHYEPTDSECRYFIDRDCTHEG
KCNMB1	(9)	DKR ETRALCEGYTMVVCANTYYYLUVTTYLPLYDKSVWTQESKCHLIET
CG10465	(24)	NVCCHLYYTTIGTLTKNNDTMLSAMFSGRMENLTDSEGWILLDRCCNHFG
qi.12654469	(8)	NVCCEFHTTTTCTTPKFPGSKLAEMFSSLAKASTDAECRFBLDRPSTYFR
K+Hnov28	(17)	NVCCHLYTTS TTUTTRYPDSMIGAMEGEDEPHARDROENY FIDROGPLER
MSTP028	(37)	NVGGALYYTTMOTLTK-COTMLKAMFSGRMEMLTDSEGWILIDRCGKHFG
		DVGGKTEKTTIFTLCK-HDSMLKIMEGTDVPVTKNEEGSVEIDRDSKHER
K+channel_tetra	(10)	FAGE VERY BELLECK - UND MENTING LD ALE LEVADOR OF LAND STATES
		201 250
K+betaM5	(201)	DVINETESCOTTPREE-WRAVYKENOVYALGELLEQLENMQPLKGEK-
KCNMB1	(59)	NIRDOEELKGKKVEQYPCLWVNVSMAGRWAVLYHTEDTREONOOCSYIPG
CG10465	(74)	III.NYIRDETVELETNKETABULABAKYYCITELAISCERALYAHOEPK
gi.12654469	(58)	PTO DYDETCOVET OH IPEVYREA OF WEITHEN VKLLEDMPQ IFGEQV
K+Hnov28	(67)	YVINFIRTSELT PLDFKDEDLURKPADFYQUEP IQCLNDPKPLYPMD-
MSTP028	(86)	THINYIRDGAVELPESRRETEBULABAKYYLVQGLVEECQAALQNKDTYE
K+channel tetra	(59)	LILNFLRDCOTALPDSDREVREVLAEASMELLDPLIELCGERLEQSLNP-
		251 300
K+betaM5	(247)	URQAFLGLMPYYKOHLERITELARLRAYQR
KCNMB1	(109)	SVDNYQTARADVEKVRAKFQEQQVFYCESAPR
	(124)	PICRIPLITSQKEEQLIISVSLKPAVILVVQRQNNKYSYTSTSDDNIIKN
CG10465		SRKOGLIOVPGYSENLEIMVRLARMEATTARKSSVIVC
gi.12654469	(104)	SKKUELLUVEGENLEIMVKLAKMENTIAKS
K+Hnov28	(116)	THEEVVELSTRKISKYSNPVIIITQLTITTKVHSL
MSTP028	(136)	PFCKVPVITSSKEEOKLIATSNKPWKLLYNESNNKYSYTSNSDDNMIKK
K+channel_tetra	(108)	YWHLVSTVLEARKITFATEKPIWVIRLPVYIATSGNQSYYFS
		301 350
K+betaM5	(277)	KARBAKEKSLTPSWEMSWLIKMPPGVTSWINAERREYLETPIGE
KCNMB1	(141)	GNETSVEFQETYGPQALIFELFWPTELETGGLLIEAMAKSNQY
CG10465	(174)	THELEDKISLRENER TITIKDVIGPSEICOWSHYGHGKKMAEWCCTSI
gi.12654469	(142)	DVETEEODAYMSEVICE CONKMARKSVVKFGPWKAVLDNSDIMHCLEMDI
K+Hnov28	(153)	LEGISNYFTKWNKHMMDIRDCQVSFTFGPCDYHQEVGLRVHLMEYIT
MSTP028	(186)	MELEDKESLRENGRVLETKEVIGDEICCHEFYGOGRKTAEMCCTSI
	(150)	ETKERETSEEYHKHVAFILITEPEFNEDCSWEFFLRAKKITARIKG-
K+channel_tetra	(170)	DANGER DE STATE MESER AND DE AND DE COMMEST DE COMMEST. DE COMMEST DE COMMEST DE COMMEST DE COMMEST DE COMMEST DE COMMEST DE COMMEST. DE COMMEST DE COMMEST DE COMMEST DE COMMEST DE COMMEST DE COMMEST. DE COMMEST DE COMMEST DE COMMEST DE COMME

Figure 7B

351	400		
) ERQNNEKKEPVQLPAGVFQHFMG	GVFQHFMG	(321)	K+betaM5
		(184)	KCNMB1
		(221)	CG10465
		(192)	gi.12654469
		(200)	K+Hnov28
		(232)	MSTP028
7) MDCNLVEECMPKTVEREREKKOWH	REKKTWH	(197)	K+channel_tetra
401 440	440		
1)		(344)	K+betaM5
		(192)	KCNMB1
) SASGTSINQYTSDEEEERTGLARLRSNKRNNPS	EERTGLARLRSNKRNNPS	(269)	CG10465
		(226)	gi.12654469
		(238)	K+Hnov28
7)GAAGRSHHLDEDEERERIERVRRIHIKRPDDRAHLHQ	EERERIERVRRIHIKRPDDRAHLHQ	(277)	MSTP028
l)		(221)	K+channel_tetra

Figure 8

